



- 1 -

DOCKET NO: **D00460.70010US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David R. Whitlock
Serial No: 10/573,513
Confirmation No: 3543
Filed: March 27, 2006
For: METHODS OF USING AMMONIA OXIDIZING
BACTERIA
Examiner: Lora A. Barnhart
Art Unit: 1651

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 17th day of October, 2008.



Lisa E. Winsor

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Office Action mailed April 17, 2008, please amend the above-identified application as follows. Changes to the Claims are shown by strike through (for deleted matter) and underlining (for added matter).

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

Appendices A-C including *Guidelines on Diabetes, Pre-Diabetes, and Cardiovascular Diseases; Characterization of Hydroxylamine-Cytochrome c Reductase from the Chemoautotrophs Nitrosomonas europaea and Nitrosocystis oceanus; and Polygenic analysis of ammonia-oxidizing bacteria using 16S rDNA, amoA, and amoB genes* publications are attached following page 9 of this paper.